

**Incidence and Mortality Counts and Age-Adjusted (2000 U.S. Population) Rates per 100,000 Persons by Year, Race/Ethnicity, and Sex, California, 1988-2017, Leukemia: Chronic Lymphocytic**

Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>ALL RACES</b>												
1988	881	511	370	3.8	5.3	2.8	286	182	104	1.3	2.0	0.8
1989	1,007	581	426	4.3	5.8	3.2	292	171	121	1.3	1.8	0.9
1990	1,030	573	457	4.3	5.7	3.3	351	202	149	1.5	2.2	1.1
1991	1,037	605	432	4.2	5.8	3.1	331	195	136	1.4	2.1	1.0
1992	977	545	432	3.9	5.2	3.0	349	205	144	1.5	2.1	1.0
1993	1,043	594	449	4.1	5.6	3.1	356	192	164	1.5	2.0	1.1
1994	1,015	595	420	3.9	5.4	2.8	320	193	127	1.3	1.9	0.8
1995	1,019	600	419	3.9	5.4	2.8	340	206	134	1.3	2.0	0.9
1996	1,039	592	447	3.9	5.2	3.0	354	216	138	1.4	2.1	0.9
1997	1,003	585	418	3.7	4.9	2.7	328	204	124	1.2	1.9	0.8
1998	1,011	619	392	3.6	5.1	2.5	333	183	150	1.2	1.6	0.9
1999	1,026	600	426	3.6	4.8	2.6	405	243	162	1.4	2.1	1.0
2000	1,168	703	465	4.0	5.6	2.8	390	227	163	1.4	2.0	0.9
2001	1,119	672	447	3.7	5.2	2.6	373	228	145	1.3	1.9	0.8
2002	1,231	751	480	4.0	5.7	2.8	342	201	141	1.2	1.7	0.8
2003	1,281	726	555	4.1	5.3	3.2	383	233	150	1.3	1.9	0.8
2004	1,367	774	593	4.3	5.6	3.3	379	218	161	1.2	1.7	0.9
2005	1,296	759	537	4.0	5.4	3.0	352	200	152	1.1	1.6	0.8
2006	1,390	800	590	4.2	5.5	3.2	396	239	157	1.2	1.8	0.8
2007	1,451	877	574	4.3	5.9	3.1	420	225	195	1.3	1.7	1.0
2008	1,535	922	613	4.4	6.1	3.2	405	241	164	1.2	1.7	0.8
2009	1,565	944	621	4.4	6.1	3.1	427	245	182	1.2	1.7	0.9
2010	1,647	953	694	4.5	6.0	3.4	439	257	182	1.2	1.8	0.8
2011	1,525	879	646	4.1	5.3	3.1	434	257	177	1.2	1.7	0.8
2012	1,531	952	579	4.0	5.5	2.8	457	268	189	1.2	1.7	0.9
2013	1,561	964	597	3.9	5.5	2.7	416	256	160	1.1	1.6	0.7
2014	1,562	944	618	3.8	5.2	2.7	436	258	178	1.1	1.6	0.8
2015	1,566	949	617	3.7	5.0	2.6	408	256	152	1.0	1.5	0.6
2016	1,499	927	572	3.5	4.8	2.4	424	251	173	1.0	1.4	0.7
2017	1,411	860	551	3.2	4.3	2.2	400	227	173	0.9	1.3	0.7

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

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Rates based on fewer than 15 cases or deaths are not shown.

Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

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Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>ASIAN/PACIFIC ISLANDER</b>												
1988	11	7	4	-	-	-	4	2	2	-	-	-
1989	15	11	4	1.0	-	-	4	3	1	-	-	-
1990	12	5	7	-	-	-	3	1	2	-	-	-
1991	22	10	12	1.3	-	-	2	2	0	-	-	-
1992	10	6	4	-	-	-	4	3	1	-	-	-
1993	27	22	5	1.3	2.4	-	4	2	2	-	-	-
1994	21	13	8	0.9	-	-	2	1	1	-	-	-
1995	28	15	13	1.2	1.5	-	6	3	3	-	-	-
1996	29	21	8	1.1	1.9	-	9	7	2	-	-	-
1997	25	16	9	0.9	1.2	-	7	5	2	-	-	-
1998	34	23	11	1.2	1.7	-	14	3	11	-	-	-
1999	26	13	13	1.0	-	-	11	6	5	-	-	-
2000	33	13	20	1.0	-	1.1	5	4	1	-	-	-
2001	33	22	11	0.9	1.5	-	7	3	4	-	-	-
2002	41	25	16	1.2	1.6	0.9	6	1	5	-	-	-
2003	41	31	10	1.1	1.8	-	6	5	1	-	-	-
2004	38	22	16	1.0	1.4	0.7	11	7	4	-	-	-
2005	42	24	18	1.1	1.4	0.8	10	8	2	-	-	-
2006	48	27	21	1.1	1.4	0.9	10	5	5	-	-	-
2007	51	30	21	1.2	1.7	0.9	10	6	4	-	-	-
2008	59	33	26	1.2	1.6	1.0	11	7	4	-	-	-
2009	63	39	24	1.3	1.8	0.9	15	10	5	0.3	-	-
2010	52	32	20	1.0	1.6	0.7	10	7	3	-	-	-
2011	65	43	22	1.2	1.8	0.7	13	8	5	-	-	-
2012	60	43	17	1.0	1.7	0.5	12	6	6	-	-	-
2013	65	34	31	1.1	1.3	1.0	13	7	6	-	-	-
2014	68	44	24	1.1	1.6	0.7	15	10	5	0.3	-	-
2015	58	36	22	0.9	1.2	0.6	10	7	3	-	-	-
2016	61	39	22	0.9	1.4	0.6	14	8	6	-	-	-
2017	59	37	22	0.8	1.2	0.5	16	11	5	0.2	-	-

(Table Continues)

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Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC BLACK</b>												
1988	48	31	17	3.8	5.4	2.5	12	10	2	-	-	-
1989	46	25	21	3.6	4.3	3.0	24	17	7	2.1	3.9	-
1990	53	31	22	4.1	5.4	3.1	23	13	10	1.8	-	-
1991	48	24	24	3.5	4.5	2.9	24	14	10	1.9	-	-
1992	44	24	20	3.4	4.5	2.7	24	18	6	2.1	4.2	-
1993	56	28	28	4.0	4.4	3.6	24	13	11	1.8	-	-
1994	41	20	21	3.0	3.6	2.6	20	16	4	1.4	2.8	-
1995	54	30	24	3.7	4.9	2.9	23	15	8	1.6	2.9	-
1996	55	25	30	3.7	3.6	3.6	23	16	7	1.7	2.8	-
1997	58	38	20	3.9	6.1	2.4	22	10	12	1.6	-	-
1998	44	27	17	2.8	4.0	1.9	20	12	8	1.4	-	-
1999	60	39	21	3.8	5.6	2.4	28	16	12	1.9	2.6	-
2000	52	35	17	3.3	5.3	1.8	16	9	7	1.1	-	-
2001	58	34	24	3.3	4.4	2.5	22	13	9	1.3	-	-
2002	62	39	23	3.8	5.9	2.4	21	11	10	1.3	-	-
2003	66	35	31	3.6	4.4	3.0	21	10	11	1.3	-	-
2004	63	35	28	3.6	4.4	2.9	25	15	10	1.5	2.0	-
2005	59	30	29	3.4	4.4	2.8	17	9	8	1.0	-	-
2006	57	30	27	3.1	3.8	2.7	29	21	8	1.6	3.2	-
2007	67	42	25	3.6	5.2	2.4	25	17	8	1.4	2.6	-
2008	62	40	22	3.4	5.0	2.1	31	21	10	1.7	2.9	-
2009	63	34	29	3.3	4.6	2.6	30	18	12	1.6	2.2	-
2010	67	36	31	3.4	4.3	2.7	24	14	10	1.2	-	-
2011	82	49	33	4.0	5.5	2.8	26	15	11	1.3	1.7	-
2012	76	52	24	3.5	5.5	2.0	27	11	16	1.4	-	1.4
2013	80	41	39	3.6	4.4	3.0	29	14	15	1.4	-	1.2
2014	79	52	27	3.4	5.0	2.2	17	12	5	0.8	-	-
2015	90	63	27	3.7	6.1	1.9	20	11	9	0.9	-	-
2016	74	46	28	2.9	4.3	1.9	17	11	6	0.7	-	-
2017	57	34	23	2.4	3.2	1.8	19	9	10	0.8	-	-

(Table Continues)

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Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>HISPANIC</b>												
1988	43	25	18	1.8	2.4	1.3	14	6	8	-	-	-
1989	58	30	28	2.1	2.3	1.8	12	9	3	-	-	-
1990	83	43	40	3.0	3.4	2.7	12	2	10	-	-	-
1991	49	31	18	1.5	2.1	1.0	24	16	8	0.9	1.4	-
1992	53	28	25	1.7	2.1	1.5	23	9	14	0.8	-	-
1993	56	26	30	1.9	2.2	1.7	17	8	9	0.7	-	-
1994	70	36	34	2.2	2.4	1.9	14	6	8	-	-	-
1995	72	47	25	2.4	3.5	1.5	24	9	15	0.8	-	0.9
1996	65	36	29	1.7	2.0	1.4	17	10	7	0.5	-	-
1997	63	35	28	1.7	1.9	1.4	16	11	5	0.5	-	-
1998	74	53	21	2.0	3.4	1.0	15	6	9	0.5	-	-
1999	82	48	34	2.1	2.7	1.6	29	18	11	0.9	1.2	-
2000	92	62	30	2.2	3.5	1.2	23	9	14	0.7	-	-
2001	81	42	39	1.7	1.9	1.6	16	9	7	0.4	-	-
2002	99	68	31	2.1	3.5	1.1	21	14	7	0.6	-	-
2003	88	53	35	2.0	3.0	1.3	25	14	11	0.6	-	-
2004	129	64	65	2.7	3.1	2.4	32	19	13	0.8	1.1	-
2005	113	56	57	2.2	2.7	1.9	26	16	10	0.6	0.8	-
2006	107	65	42	1.9	2.6	1.3	31	20	11	0.6	1.0	-
2007	113	65	48	1.9	2.6	1.4	32	18	14	0.6	0.7	-
2008	145	76	69	2.4	2.9	2.0	33	19	14	0.6	0.8	-
2009	130	77	53	1.9	2.7	1.4	33	18	15	0.6	0.7	0.5
2010	158	94	64	2.1	3.0	1.5	34	16	18	0.6	0.6	0.6
2011	134	72	62	1.9	2.5	1.5	35	20	15	0.6	0.8	0.4
2012	156	91	65	2.0	2.6	1.5	49	23	26	0.7	0.8	0.7
2013	155	98	57	1.9	2.7	1.3	36	22	14	0.5	0.8	-
2014	148	74	74	1.7	2.0	1.5	41	23	18	0.5	0.7	0.4
2015	154	89	65	1.7	2.2	1.3	49	29	20	0.6	1.0	0.4
2016	156	92	64	1.7	2.1	1.3	33	19	14	0.4	0.6	-
2017	144	79	65	1.5	1.9	1.2	47	26	21	0.6	0.8	0.4

(Table Continues)

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Year of Diagnosis or Death	Incidence						Mortality					
	New Cases			Annual Rate			Deaths			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC WHITE</b>												
1988	769	439	330	4.3	6.0	3.2	256	164	92	1.5	2.4	0.9
1989	879	508	371	4.9	6.7	3.6	251	142	109	1.4	2.0	1.0
1990	867	483	384	4.8	6.4	3.7	313	186	127	1.7	2.7	1.2
1991	909	534	375	5.0	6.9	3.5	281	163	118	1.5	2.3	1.1
1992	857	480	377	4.6	6.2	3.5	298	175	123	1.6	2.4	1.1
1993	890	511	379	4.8	6.5	3.5	310	169	141	1.7	2.3	1.2
1994	867	516	351	4.6	6.5	3.2	284	170	114	1.5	2.3	1.0
1995	856	501	355	4.5	6.2	3.3	285	178	107	1.5	2.3	0.9
1996	875	502	373	4.6	6.2	3.5	304	182	122	1.6	2.4	1.0
1997	844	489	355	4.4	5.9	3.3	283	178	105	1.4	2.3	0.9
1998	845	505	340	4.3	5.9	3.1	284	162	122	1.4	2.0	1.0
1999	846	492	354	4.3	5.7	3.1	335	201	134	1.7	2.4	1.1
2000	975	586	389	4.9	6.8	3.4	344	203	141	1.7	2.4	1.1
2001	928	561	367	4.6	6.4	3.2	327	202	125	1.6	2.4	1.0
2002	1,012	609	403	5.0	6.8	3.5	293	175	118	1.4	2.1	0.9
2003	1,064	594	470	5.2	6.6	4.1	329	203	126	1.5	2.3	1.0
2004	1,102	633	469	5.4	7.0	4.1	307	175	132	1.4	2.0	1.0
2005	1,059	637	422	5.1	7.0	3.6	298	166	132	1.4	1.9	1.0
2006	1,149	662	487	5.5	7.2	4.2	326	193	133	1.5	2.2	1.0
2007	1,181	714	467	5.6	7.6	4.0	352	184	168	1.6	2.0	1.2
2008	1,218	743	475	5.7	7.8	4.1	330	194	136	1.5	2.1	1.0
2009	1,252	761	491	5.8	8.0	4.1	347	197	150	1.6	2.1	1.1
2010	1,319	757	562	6.1	7.8	4.6	370	219	151	1.6	2.3	1.1
2011	1,202	691	511	5.4	6.8	4.3	356	213	143	1.5	2.2	1.1
2012	1,182	733	449	5.3	7.2	3.7	367	227	140	1.6	2.3	1.0
2013	1,206	758	448	5.3	7.3	3.6	336	211	125	1.4	2.1	0.9
2014	1,225	747	478	5.3	7.1	3.7	362	213	149	1.5	2.1	1.0
2015	1,189	716	473	5.0	6.6	3.6	328	208	120	1.3	2.0	0.8
2016	1,131	705	426	4.7	6.4	3.3	359	212	147	1.4	2.0	1.0
2017	1,038	633	405	4.3	5.7	3.0	315	179	136	1.3	1.7	0.9

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**Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 2013-2017, Leukemia: Chronic Lymphocytic**

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2013-2017			Annual Rate			Deaths 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>ALL RACES</b>												
00 - 04	1	0	1	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	3	3	0	0.0	0.0	0.0	1	0	1	0.0	0.0	0.0
10 - 14	1	0	1	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15 - 19	3	2	1	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20 - 24	1	1	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25 - 29	4	3	1	0.0	0.0	0.0	2	1	1	0.0	0.0	0.0
30 - 34	17	12	5	0.1	0.2	0.1	0	0	0	0.0	0.0	0.0
35 - 39	32	25	7	0.2	0.4	0.1	4	3	1	0.0	0.1	0.0
40 - 44	69	47	22	0.5	0.7	0.3	6	4	2	0.1	0.1	0.0
45 - 49	186	119	67	1.4	1.8	1.0	11	8	3	0.1	0.1	0.1
50 - 54	416	285	131	3.2	4.4	2.0	22	14	8	0.2	0.2	0.1
55 - 59	726	445	281	5.9	7.3	4.4	41	31	10	0.3	0.5	0.2
60 - 64	978	629	349	9.2	12.4	6.3	95	62	33	0.9	1.2	0.6
65 - 69	1,149	734	415	13.3	18.1	9.1	164	105	59	1.9	2.6	1.3
70 - 74	1,122	699	423	18.3	24.9	12.7	231	161	70	3.8	5.7	2.1
75 - 79	953	570	383	21.9	29.5	15.8	285	180	105	6.6	9.3	4.3
80 - 84	842	511	331	26.8	38.4	18.2	362	237	125	11.5	17.8	6.9
85 +	1,096	559	537	31.2	43.8	24.0	860	442	418	24.5	34.7	18.7
Total/Crude	7,599	4,644	2,955	3.9	4.8	3.0	2,084	1,248	836	1.1	1.3	0.9
<b>ASIAN/PACIFIC ISLANDER</b>												
00 - 04	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0	1	0	1	0.1	0.0	0.1
10 - 14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15 - 19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20 - 24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25 - 29	1	1	0	0.0	0.1	0.0	0	0	0	0.0	0.0	0.0
30 - 34	3	1	2	0.1	0.1	0.2	0	0	0	0.0	0.0	0.0
35 - 39	1	1	0	0.0	0.1	0.0	0	0	0	0.0	0.0	0.0
40 - 44	5	4	1	0.2	0.4	0.1	0	0	0	0.0	0.0	0.0
45 - 49	9	5	4	0.4	0.5	0.4	0	0	0	0.0	0.0	0.0
50 - 54	19	13	6	0.9	1.4	0.5	2	2	0	0.1	0.2	0.0
55 - 59	34	17	17	1.8	2.0	1.6	0	0	0	0.0	0.0	0.0
60 - 64	44	28	16	2.6	3.7	1.7	2	0	2	0.1	0.0	0.2
65 - 69	44	33	11	3.2	5.5	1.5	7	4	3	0.5	0.7	0.4
70 - 74	50	31	19	5.4	7.5	3.7	13	7	6	1.4	1.7	1.2
75 - 79	48	27	21	6.9	8.9	5.3	14	10	4	2.0	3.3	1.0
80 - 84	23	14	9	4.6	6.9	3.1	10	7	3	2.0	3.4	1.0
85 +	30	15	15	5.9	7.9	4.7	19	13	6	3.7	6.8	1.9
Total/Crude	311	190	121	1.1	1.4	0.8	68	43	25	0.2	0.3	0.2

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

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Note: In situ cancers are excluded, unless specified.

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Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

**Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 2013-2017, Leukemia: Chronic Lymphocytic (continued)**

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2013-2017			Annual Rate			Deaths 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC BLACK</b>												
00 - 04	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15 - 19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20 - 24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25 - 29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30 - 34	2	2	0	0.2	0.5	0.0	0	0	0	0.0	0.0	0.0
35 - 39	2	2	0	0.3	0.5	0.0	1	0	1	0.1	0.0	0.3
40 - 44	6	5	1	0.8	1.3	0.3	0	0	0	0.0	0.0	0.0
45 - 49	10	5	5	1.2	1.2	1.2	0	0	0	0.0	0.0	0.0
50 - 54	18	14	4	2.1	3.3	0.9	3	1	2	0.4	0.2	0.5
55 - 59	50	33	17	6.1	8.3	4.1	9	6	3	1.1	1.5	0.7
60 - 64	69	39	30	10.7	12.9	8.8	7	3	4	1.1	1.0	1.2
65 - 69	52	34	18	10.8	15.7	6.8	13	9	4	2.7	4.1	1.5
70 - 74	50	28	22	15.1	19.5	11.7	19	11	8	5.7	7.7	4.3
75 - 79	48	31	17	19.7	30.1	12.1	12	7	5	4.9	6.8	3.6
80 - 84	42	26	16	26.2	40.8	16.5	8	3	5	5.0	4.7	5.2
85 +	31	17	14	20.0	33.8	13.4	30	17	13	19.4	33.8	12.4
Total/Crude	380	236	144	3.1	3.9	2.4	102	57	45	0.8	1.0	0.7
<b>HISPANIC</b>												
00 - 04	1	0	1	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	3	3	0	0.0	0.1	0.0	0	0	0	0.0	0.0	0.0
10 - 14	1	0	1	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15 - 19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20 - 24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25 - 29	0	0	0	0.0	0.0	0.0	1	1	0	0.0	0.0	0.0
30 - 34	3	3	0	0.1	0.1	0.0	0	0	0	0.0	0.0	0.0
35 - 39	7	6	1	0.1	0.2	0.0	1	1	0	0.0	0.0	0.0
40 - 44	12	8	4	0.2	0.3	0.2	1	1	0	0.0	0.0	0.0
45 - 49	30	11	19	0.6	0.5	0.8	3	1	2	0.1	0.0	0.1
50 - 54	62	42	20	1.5	2.0	1.0	3	2	1	0.1	0.1	0.1
55 - 59	83	49	34	2.5	3.0	2.0	6	4	2	0.2	0.2	0.1
60 - 64	106	61	45	4.2	5.1	3.4	16	8	8	0.6	0.7	0.6
65 - 69	95	52	43	5.3	6.3	4.5	19	10	9	1.1	1.2	0.9
70 - 74	93	56	37	7.8	10.7	5.5	21	10	11	1.8	1.9	1.6
75 - 79	83	41	42	9.9	11.7	8.7	31	15	16	3.7	4.3	3.3
80 - 84	84	49	35	14.5	20.9	10.1	33	28	5	5.7	12.0	1.4
85 +	94	51	43	16.4	24.2	11.8	71	38	33	12.4	18.0	9.1
Total/Crude	757	432	325	1.0	1.1	0.9	206	119	87	0.3	0.3	0.2

(Table Continues)

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified.

Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded.

Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.

**Five-Year Incidence and Mortality Counts and Average Annual Age-Specific and Crude Rates per 100,000 Persons by Age, Race/Ethnicity, and Sex, California, 2013-2017, Leukemia: Chronic Lymphocytic (continued)**

Age at Diagnosis or Death	Incidence						Mortality					
	New Cases 2013-2017			Annual Rate			Deaths 2013-2017			Annual Rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>NON-HISPANIC WHITE</b>												
00 - 04	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
05 - 09	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10 - 14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15 - 19	3	2	1	0.1	0.1	0.1	0	0	0	0.0	0.0	0.0
20 - 24	1	1	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25 - 29	2	2	0	0.0	0.1	0.0	1	0	1	0.0	0.0	0.0
30 - 34	8	5	3	0.2	0.2	0.1	0	0	0	0.0	0.0	0.0
35 - 39	19	14	5	0.4	0.6	0.2	2	2	0	0.0	0.1	0.0
40 - 44	38	24	14	0.8	1.0	0.6	5	3	2	0.1	0.1	0.1
45 - 49	126	90	36	2.4	3.4	1.4	7	7	0	0.1	0.3	0.0
50 - 54	294	199	95	4.9	6.6	3.2	14	9	5	0.2	0.3	0.2
55 - 59	514	322	192	8.3	10.4	6.2	25	20	5	0.4	0.6	0.2
60 - 64	708	464	244	12.5	16.6	8.4	69	50	19	1.2	1.8	0.7
65 - 69	904	581	323	18.3	24.4	12.7	124	81	43	2.5	3.4	1.7
70 - 74	869	545	324	23.9	31.9	16.9	177	132	45	4.9	7.7	2.3
75 - 79	732	445	287	28.7	38.2	20.7	227	148	79	8.9	12.7	5.7
80 - 84	667	406	261	35.2	49.3	24.3	311	199	112	16.4	24.2	10.5
85 +	904	459	445	40.0	56.0	30.9	738	372	366	32.7	45.4	25.4
Total/Crude	5,789	3,559	2,230	7.5	9.3	5.8	1,700	1,023	677	2.2	2.7	1.8

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019) and CDPH Center for Health Statistics Death Master Files.

Note: In situ cancers are excluded, unless specified.

Due to inconsistent reporting by the Department of Veteran Affairs (VA), cancer cases reported by VA facilities are excluded.

Race/ethnicity categories are mutually exclusive. Persons of Hispanic ethnicity may be of any race.



**Risk (Percent) of Being Diagnosed with Invasive Cancer within the Next 10, 20, or 30 Years, or in the Remaining Lifetime, Assuming Cancer Free at Current Age, and Lifetime Risk of Being Diagnosed with or Dying of Cancer by Race/Ethnicity and Sex, Leukemia: Chronic Lymphocytic**

Current Age	Males				Females			
	10+ yrs	20+ yrs	30+ yrs	eventually	10+ yrs	20+ yrs	30+ yrs	eventually
<b>ALL RACES</b>								
0	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.38
25	0.00	0.01	0.04	0.59	0.00	0.00	0.02	0.38
35	0.01	0.04	0.12	0.60	0.00	0.02	0.07	0.38
45	0.03	0.12	0.28	0.60	0.02	0.07	0.16	0.38
55	0.09	0.26	0.45	0.59	0.05	0.14	0.26	0.38
65	0.18	0.39	-	0.55	0.10	0.22	-	0.34
	Lifetime Risk of Being Diagnosed = 0.58%				Lifetime Risk of Being Diagnosed = 0.38%			
	Lifetime Risk of Dying of Cancer = 0.23%				Lifetime Risk of Dying of Cancer = 0.15%			
<b>ASIAN/PACIFIC ISLANDER</b>								
0	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.11
25	0.00	0.00	0.01	0.18	0.00	0.00	0.01	0.11
35	0.00	0.01	0.04	0.18	0.00	0.01	0.02	0.11
45	0.01	0.04	0.09	0.18	0.00	0.02	0.04	0.11
55	0.03	0.08	0.13	0.18	0.01	0.04	0.07	0.11
65	0.06	0.11	-	0.16	0.03	0.06	-	0.10
	Lifetime Risk of Being Diagnosed = 0.18%				Lifetime Risk of Being Diagnosed = 0.11%			
	Lifetime Risk of Dying of Cancer = 0.07%				Lifetime Risk of Dying of Cancer = 0.03%			
<b>NON-HISPANIC BLACK</b>								
0	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.25
25	0.00	0.01	0.03	0.42	0.00	0.00	0.01	0.26
35	0.01	0.03	0.12	0.43	0.00	0.01	0.07	0.26
45	0.02	0.11	0.23	0.43	0.01	0.07	0.13	0.26
55	0.09	0.22	0.36	0.44	0.06	0.13	0.21	0.26
65	0.15	0.32	-	0.41	0.08	0.17	-	0.23
	Lifetime Risk of Being Diagnosed = 0.41%				Lifetime Risk of Being Diagnosed = 0.25%			
	Lifetime Risk of Dying of Cancer = 0.15%				Lifetime Risk of Dying of Cancer = 0.10%			
<b>HISPANIC</b>								
0	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.21
25	0.00	0.00	0.02	0.30	0.00	0.00	0.01	0.21
35	0.00	0.01	0.05	0.31	0.00	0.01	0.04	0.21
45	0.01	0.05	0.11	0.31	0.01	0.03	0.08	0.21
55	0.04	0.10	0.20	0.31	0.03	0.07	0.14	0.21
65	0.07	0.18	-	0.29	0.05	0.12	-	0.19
	Lifetime Risk of Being Diagnosed = 0.30%				Lifetime Risk of Being Diagnosed = 0.21%			
	Lifetime Risk of Dying of Cancer = 0.14%				Lifetime Risk of Dying of Cancer = 0.09%			
<b>NON-HISPANIC WHITE</b>								
0	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.47
25	0.00	0.01	0.06	0.74	0.00	0.01	0.03	0.48
35	0.01	0.06	0.18	0.75	0.00	0.03	0.09	0.48
45	0.05	0.17	0.38	0.75	0.02	0.09	0.21	0.48
55	0.13	0.34	0.58	0.74	0.07	0.19	0.34	0.47
65	0.24	0.50	-	0.68	0.13	0.29	-	0.43
	Lifetime Risk of Being Diagnosed = 0.73%				Lifetime Risk of Being Diagnosed = 0.47%			
	Lifetime Risk of Dying of Cancer = 0.28%				Lifetime Risk of Dying of Cancer = 0.18%			

Prepared by the California Department of Public Health (CDPH), California Cancer Registry.

Source: California Cancer Registry (December 2019) and CDPH Center for Health Statistics Death Master Files.

Note: Based on average annual age-specific cancer incidence and mortality rates in California, 2013-2017.

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